

Page 1, after line 8, insert the following heading:

Q2 --2. Description of the Related Art--.

Page 2, after line 17, insert the following heading:

Q3 --SUMMARY OF THE INVENTION--.

Page 4, after line 38, insert the following heading and paragraph:

Q4 --BRIEF DESCRIPTION OF THE DRAWING

Fig. 1 is a plot of observed response with respect to time in the immobilization of albumins onto a COOH disk.--.

Page 5, before line 1, insert the following heading:

Q5 --DESCRIPTION OF THE PREFERRED EMBODIMENTS--.

IN THE CLAIMS:

Original claims 1 and 9 were amended during Chapter II proceedings by substituting new claims 1 and 9 in a letter dated October 20, 2000. Please cancel original claims 1-24 and cancel amended claims 1 and 9 and rewrite them as new claims 25-48 as follows.

sub B2 D2 Q6  
--25. A device for investigating reactions between interactive chemical or biological species, said device comprising:

a substrate; and

a plasma layer deposited on the substrate, wherein the substrate in turn comprises  
5 a film of free electron metal consisting essentially of gold, and wherein the plasma layer deposited on the film of free electron metal comprises sulphur.

26. The device according to claim 25, wherein the plasma deposited layer is supported on a substrate.